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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	9-16066-1US-1-1
		First Inventor	Steve KRESNYAK
		Title	METHOD OF REMOVING WATER AND CONTAMINANTS FROM CRUDE OIL CONTAINING SAME
		Express Mail Label No.	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **33**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **12**]
5. Oath or Declaration [Total Pages **1**]
 - a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
 - b. ☐ (for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

- | ACCOMPANYING APPLICATION PARTS | |
|---|---|
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) | <input checked="" type="checkbox"/> Power of Attorney |
| 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) | |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | |
| 17. <input checked="" type="checkbox"/> Other: _____ | Form PTO/SB/06.aod. Money order #. 17268334-111 |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input checked="" type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: 10/011,319
Prior application information: Examiner _____ Group Art Unit: 1764			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 020988 (Insert Customer No. or Attach bar code label here) or <input type="checkbox"/> Correspondence address below					
Name		Ogilvy Renault			
Address		Suite 1600 1981 McGill College Avenue			
City	Montreal	State	Quebec	Zip Code	H3A 2Y3
Country	CANADA	Telephone	613-780-	Fax	613-230-6706

Name (Print/Type)	Paul S. Sharpe	Registration No. (Attorney/Agent)	39,493
Signature		Date	July 15, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17354 U.S. PTO
10/621516
07/18/03

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 790

Complete if Known

Application Number	New Application
Filing Date	
First Named Inventor	Steve KRESNYAK
Examiner Name	
Art Unit	
Attorney Docket No.	9-16066-1US-1-1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☒ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 19-5113
Deposit Account Name: Ogilvy Renault

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: -20** = X =
Independent Claims: -3** = X =
Multiple Dependent: =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Paul S. Sharpe	Registration No. (Attorney/Agent)	39,493	Telephone	613 780-8676
Signature		Date	July 15, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Approved for use through 10/31/2002. OMB 0651-0032
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number 9-16066-1US-1-1	
CLAIMS AS FILED - PART I						
(Column 1)		(Column 2)			(Column 3)	
FOR	NUMBER FILED	NUMBER EXTRA				
BASIC FEE (37 CFR 1.16(a))						
TOTAL CLAIMS (37 CFR 1.16(c))	12	minus 20 =	*	0		
INDEPENDENT CLAIMS (37 CFR 1.16(b))	1	minus 3 =	*	0		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				0		
					TOTAL	0
CLAIMS AS AMENDED - PART II						
(Column 1)		(Column 2)			(Column 3)	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			PRESENT EXTRA	
Total (37 CFR 1.16(c))	*	Minus	**	=		
Independent (37 CFR 1.16(b))	*	Minus	***	=		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						
					TOTAL	0
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			PRESENT EXTRA	
Total (37 CFR 1.16(c))	*	Minus	**	=		
Independent (37 CFR 1.16(b))	*	Minus	***	=		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						
					TOTAL	0
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			PRESENT EXTRA	
Total (37 CFR 1.16(c))	*	Minus	**	=		
Independent (37 CFR 1.16(b))	*	Minus	***	=		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						
					TOTAL	0

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.
 Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



(please place mailroom date stamp here)

PATENT AND TRADEMARK AGENTS

45 O'Connor Street, Suite 1700—
Ottawa, Ontario, Canada, K1P 1A4
☎ (613) 230-6072 – Fax: (613) 230-6706

Filing Cover Sheet for Document
Filed with U.S. PTO Mailroom

Agent's file reference: 9-160661US-1-1

Ser. No. and filing date (if known): _____ / _____

TYPE OF DOCUMENT SUBMITTED

- ☒ Patent application ☐ Provisional ☒ Nonprovisional
☐ Response to NOTICE TO FILE MISSING PARTS
☐ IDS ☐ Response to office action
☐ Issue fee ☐ Formal drawings
☐ Other: _____

CONTENTS OF SUBMISSION

- ☒ Application having 33 pages and including 12 claims
☒ 12 sheets of FORMAL drawings
☒ SIGNED inventor declaration with 1 signature(s) and
☒ Power of Attorney document
☒ Assignment(s) and assignment recordal sheet(s) (1) in number
☒ Bank Draft _ in the amount of \$790.00,

Patent Application Fee Determination Record PTO/SB/06, and
Fee Transmittal Form PTO/SB/17 (in duplicate)

- ☒ Patent Application data sheet
☒ Utility Patent Application Transmittal PTO/SB/05
☒ Return Receipt Postcard

Hand delivered to PTO mailroom by:
Time and date of delivery: _____

This sheet must be stamped by mailroom and returned to us.

OGILVY RENAULT

DATE: July 15, 2003

Mail Stop Patent Application

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.
U.S.A.

Sir:

Re: New United States Patent Application
Title: METHOD OF REMOVING WATER AND CONTAMINANTS
FROM CRUDE OIL CONTAINING SAME
Inventors: Steve KRESNYAK
Our File: 9-16066-1US-1-1

Transmitted herewith for filing is the patent application of:

INVENTOR: Steve KRESNYAK

TITLE OF THE INVENTION: METHOD OF REMOVING WATER AND
CONTAMINANTS FROM CRUDE OIL CONTAINING
SAME

The following documents are enclosed:

- a) Utility Patent Application Transmittal PTO/SB/05
- b) Money Order No. 17268334-111,
Fee Transmittal Form PTO/SB/17 (in duplicate) and Patent Application
Fee Determination Record PTO/SB/06, covering:
- | | |
|---|-----------------|
| Filing Fee | \$750.00 |
| Recording of Assignment | \$ 40.00 |
| Total Number of Claims: | 12 |
| Independent claims in excess of 3 (0 @ \$84/42) | \$ 0.00 |
| Claims in excess of 20 (0 @ \$18/9) | \$ 0.00 |
| Multiple dependent claim (0 @\$280/140) | \$ 0.00 |
| Total | \$790.00 |
- c) Specification/Claims/Abstract

Barristers & Solicitors
Patent & Trade-mark Agents

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Montréal, Quebec
Canada H3A 2Y3

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Continuing the practices of
Meighen Demers
Ogilvy Renault
Swabey Ogilvy Renault

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Assistant Commissioner of Patents

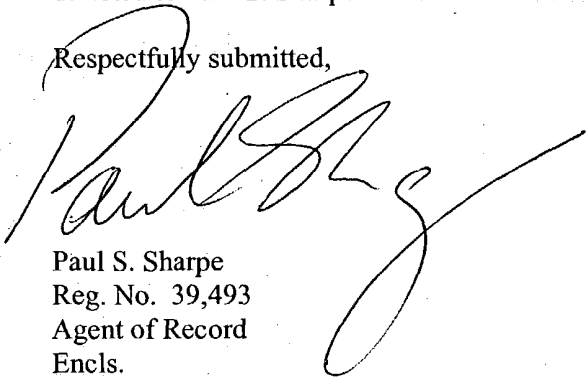
- d) Formal Drawings (12 Sheets - Figs. 1 - 12)
- e) Declaration under 37 CFR 1.63, with
Patent Application Data Sheet
- f) Power of Attorney
- g) Assignment in favor of COLT ENGINEERING CORPORATION
with Recordation Form PTO-1595
- h) Return receipt postcard.

The applicant/inventor(s) qualify for **large** entity status.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to our Account No. 19-5113.

Please note that the address of the agents for the applicant in this matter should be the Montreal address identified in the enclosed Power of Attorney. Correspondence may be directed to Paul S. Sharpe at the Montreal address of Swabey Ogilvy Renault.

Respectfully submitted,



Paul S. Sharpe
Reg. No. 39,493
Agent of Record
Encls.